

Progress Report: 39	Reporting Period: February 11 – March 17, 2006		Date: March 31, 2006	
Site:	Diamond Alkali, Operable Unit 3, Passaic River Study Expansion, New Jersey		IAG: DW96941975 IAG Expiration Date: 12/31/07	
Phase: RI/FS, OU3	DACW41-02-D-0003 Task Order 0011	Malcolm Pirnie Project Numbers: 4553-001, 4553-025, and 4553-027		
USEPA RPMs: Alice Yeh & Tom Taccone	PH: 212-637-4427	USACE PM: Elizabeth Buckrucker	PH: 816-983-3581	
MPI PM: Len Warner	PH: 914-641-2972	MPI Deputy PM: Scott Thompson	PH: 914-641-2628	

Task	Activities in Current Reporting Period	Next Milestone	Issues
IRM Evaluation	<ul style="list-style-type: none"> Continued development of detailed cost estimates as part of detailed analysis of alternatives. Determined approach and initiated data collection for cap erosion analysis. Coordinated hydraulic modeling of baseline flooding impacts and distribution of river velocities during defined storm events (<i>refer to attached HydroQual progress report</i>). Assembled and prepared analysis of dredge pilot productivity data. Initiated analysis of dredged material management options. Prepared draft silt trap evaluation. 	<ul style="list-style-type: none"> IRM Meeting with NJDEP on March 29th. Dry run for Remedial Options Workgroup in mid-April 2006. Remedial Options Workgroup on May 17th. 	<ul style="list-style-type: none"> Coordination with In-situ Stabilization workgroup for IRM evaluation purposes will require additional effort. The number of alternatives required for detailed analysis (8) exceeds the number proposed (5).
Final CIP	Final CIP preparation effort has been on hold pending USEPA direction/authorization re: Draft CIP comment responses and document revisions. Final document preparation will begin in next reporting period.	<ul style="list-style-type: none"> Receive comments from USEPA on March 23rd USEPA-MPI call on April 4th Final CIP delivery in early May 2006 	USEPA requested that while incorporating changes as per USEPA and NOAA direction, MPI is to review the document with a "critical eye," making certain that the changes are coherent from both a stylistic view, as well as ensuring that they are consistent with information presented in the rest of the document.
Hydrodynamic Model	<ul style="list-style-type: none"> Posted Hydrodynamic Model Calibration Report to PREMIS MPI submitted comments on Report on March 17th 	Respond to agency and stakeholder comments on Hydrodynamic Model Calibration Report.	Additional budget is required to resume hydrodynamic model development under new USACE contract.

Task	Activities in Current Reporting Period	Next Milestone	Issues
FSP Volume 2	<ul style="list-style-type: none"> Draft FSP Volume 2 Kick-off Meeting held on March 8th. Draft FSP Volume 2 preparation effort ongoing. 	Draft FSP Volume 2 in mid-June 2006	See discussion on DQO refinement effort under "WOE Assessment" below.
Final Modeling Plan	<ul style="list-style-type: none"> MPI and HQI coordinated responses to TAC comments and incorporation into Final Modeling Plan. 	Final Modeling Plan on or about March 28th	None.
Sediment Transport Model	<ul style="list-style-type: none"> Modeling activities on hold. Conference call with USGS regarding Dundee Dam Solids Monitoring on March 9th. Coordinated revisions to Gust Microcosm report by CBA in accordance with USEPA comments 	<ul style="list-style-type: none"> Post revised Gust Microcosm Report to PREmis on March 28th Coordination Meeting with Craig Jones on March 20-21st. 	Development of a scope to incorporate SEDZLJ will allow modeling work to proceed following authorization under new USACE contract.
Field Investigations/ Draft Round 1 Report	<ul style="list-style-type: none"> The East Rutherford Fire Inspector returned to the Field Facility the week of February 27th to verify that corrections had been performed as documented. All violations had been corrected, and the monthly fire safety light test form, prepared by MPI and posted in the lunch room, was reviewed by the inspector. On Monday March 13, 2006 MPI received notification "that this premises (Field Facility) conforms to all applicable regulations of the Uniform Fire Code". Axys PAH data for high res cores provided to subcontract validators in mid-February. Refer to attached table for status of collected environmental samples. 	<ul style="list-style-type: none"> First 30 Hi Res sediment samples ship to Axys on March 21st CLP Hi Res metals data evaluated by April 7th Next shipment CLP Hi Res sediment samples to Axys April 11th Draft Round 1 Report on or about July 7, 2006 	<ul style="list-style-type: none"> Almost all arsenic and titanium data rejected by USEPA CLP validators in high resolution sediment CLP dataset. CLP contacted to request reanalysis. ICP-AES metals not analyzed by CLP; analysis requested. Pesticide analysis unable to resolve specific target contaminants; reanalysis of extracts via HRGC/HRMS contemplated. Using the current GC/ECD-GC/MS method, Axys is NOT able to quantify both alpha and gamma-HCH, in some cases Aldrin can NOT be quantified and 2,4-DDT and 4,4-DDT have to be calculated using the 4,4-DDE surrogate, since there are interferences in the 13C-4,4-DDT surrogate. Due to the high levels of Dioxins and PCBs present, the sediment samples have been diluted. Axys was given permission to use a HRGC-HRMS instrument they have set aside for high level samples, which has a 5 point rather than a 6 point calibration. This is not an issue because the samples are contaminated above the level of the 6th low calibration point.

Task	Activities in Current Reporting Period	Next Milestone	Issues
Geochemical Evaluation	<ul style="list-style-type: none"> Submitted depositional area map files to demaximis Assisted with prep of Congressional Briefing materials Provide presentation of Geochemical Evaluation Step 2 to agencies on March 3rd and responded to questions and comments. Prepared for presentation of Geochemical Evaluation Step 2 at April PDT meeting. 	<ul style="list-style-type: none"> Dry Run of presentation on March 28th Presentation at PDT on April 5th Revised Geochemical Evaluation, as necessary based on agency comments. 	Additional hardcopy of geochemical presentation submitted to Tom Taccone of USEPA on March 31 st
CSM/Problem Formulation	<ul style="list-style-type: none"> MPI reviewed and commented on the technical memos prepared by Battelle. Technical memos posted to PREmis on March 3rd. 	Respond to agency comments on technical memos	Additional budget and NJDEP data is required to address consumption rate analyses requested by Marion Olsen of USEPA; will be conducted under new USACE contract.
WOE Assessment	Activity not yet initiated.	Scope under discussion.	Propose to WVN approximately \$20K of funding to allow Battelle to begin FSP Volume 2 DQO development effort while awaiting authorization of ATP 1 under new USACE contract.
Meetings & Teleconferences	Feb 27 th – Sedflume Call March 3 rd – Geochem Q&A March 6 th – ATP 1 Negotiations March 7 th – Biweekly Call March 8 th – FSP 2 Kick-off Meeting March 9 th – Dundee Dam Monitoring Call	March 20-21 st – Sediment Transport Meeting March 23 rd – FSP 2 WebEx April 3 rd – PM April 4 th – FSP 2 DQO call April 5 th – PDT	Not applicable.
PREmis	<ul style="list-style-type: none"> Conducted initial steps to address USACE comments on digital library reorganization. Completed development of management website reports for sample status based on discussions with USEPA and USACE on March 9th. QC'ed reports on March 13th. Updated COI forms for project personnel. 	<ul style="list-style-type: none"> Complete QC and move management website reports to production site by March 31st. Complete digital library reorganization as requested by USACE (on 4/4/2006). 	Pirnie to respond to USACE comments on digital library structure. By 4/4/2006, folder will include: <ul style="list-style-type: none"> List of personnel and their access rights/updated table. List of COI personnel/updated
www.ourPassaic.org	<ul style="list-style-type: none"> Posted full notice regarding next PDT meeting on first Wednesday in April 2006. Posted Geochemical Evaluation Step 2 report on a new "Conceptual Site Model" page on March 6th. 	Post additional public documents, such as sediment transport experiment reports and modeling plans, as directed.	None.

HydroQual Progress Report for Lower Passaic IRM Evaluation

1. Grid Design:

We have designed the grid of lower Passaic River based on FEMA's 500-year flood zone in the Lower Passaic and Hackensack Rivers. The grid resolution near the Harrison Reach is about 30 m by 150 m and the grid resolution is fine enough to represent navigational channels in the Lower Passaic River. The model has its open boundaries at the Kills; specifically at the mouth of Kill van Kull and Perth Amboy. Please see the attached graphics for the design of the grid to be used for IRM study. The graphics depict the grid depths specified for the Lower Passaic section of the grid.

2. Model Calibrations

Utilizing input data used for the simulation of Lower Passaic River model for 2004 calibration year, the model was calibrated against data collected in September 2004 by Rutgers in the Lower Passaic River. The model results of tidal elevations, current velocities, and surface and bottom temperature salinity were compared with data. The model results show reasonable agreement with data.

3. Estimation of Extreme Events: Flood and Storm surge

Historical data observed at the USGS Little Falls gauge were used for statistical analyses for flow distribution. The 100-year and 500-year floods at the Little Falls are estimated as 20,000 and 26,000 cfs, respectively. USGS Trenton, NJ office confirmed these estimates.

Historical tidal observations made at NOAA tidal station at Bergen Point, which is located at the entrance to the Newark Bay, indicate that extreme storm surge in the region as about 1.9 m above mean sea level. 100-year and 500-year storm surge in the Bergen Point is estimated as 1.93 m and 1.97 m, respectively

4. Design of Scenarios:

- a. Baseline conditions: using 100 and 500-year flood with corresponding 100 and 500 extreme water elevations
- b. Projection scenario: assuming shore to shore 2 ft capping from River Mile 0 to 7.

5. Final Model Inputs Being Prepared

The model inputs are being prepared so as to run the 100- and 500-year flood events.

**Lower Passaic River Restoration Project
Subcontractor EV Period Progress
Battelle**

Reporting Period: EV Period 2: February 11, 2005 through March 17, 2006

Date Submitted: March 21, 2006 **Submitted By:** Betsy Barrows, Battelle PM

Activities, Progress, and Deliverables this Period

TECHNICAL TASKS

Battelle participated in activities in support of the following subtasks:

- WAD 4, WO 1.4, Project Communications
 - Battelle staff (Barrows, Gulbransen, Gunster, Richardson) participated in one project team biweekly teleconference on 3/7/06.
 - Battelle staff (Carl Albro) participated in a teleconference held with the project team and USGS on 3/9/06 to discuss the scope of Dundee Dam monitoring to be accomplished with funding provided by NJDOT-OMR.
- WAD 5, WO 1.5e, Draft FSP Vol. 2, Biota
 - Battelle staff (Gunster by phone, Gulbransen on site) participated in an FSP 2 kickoff meeting held at MPI's offices in White Plains. Battelle began preparation of internal Task Plan further defining technical approach, interim project milestones, and schedule.
- WAD 5, WO 2.2b, Conceptual Site Model/Problem Formulation
 - Battelle revised the technical memos following Pirnie's review. This task is now completed; technical memos posted on PREmis.

ADMINISTRATIVE ACTIVITIES

- WAD 4 WO 1.2, Project Support Documentation and Administration
 - Monthly EV and Progress reports prepared.

Technical or Schedule Problems Encountered this Period and Solutions Implemented

- None this period

Activities Anticipated Next Period

TECHNICAL TASKS

- WAD 5, WO 1.5e, Draft FSP Vol. 2, Biota
 - Battelle staff (Gunster, Richardson) to participate in next FSP 2 teleconference on Thursday, 3/24/06.
 - Copy of Battelle internal Task Plan to be delivered to MPI.
 - Work to continue on FSP 2; Battelle's initial contribution is to focus on input from BERA Workshop.

ADMINISTRATIVE ACTIVITIES

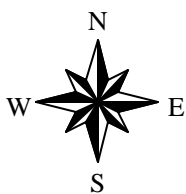
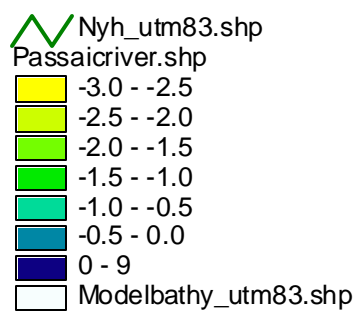
- Battelle anticipates negotiation of new contract to cover work on baseline human health and ecological risk assessment for 2006.

DRAFT
ENVIRONMENTAL SAMPLE STATUS TABLE
LOWER PASSAIC RIVER RESTORATION PROJECT

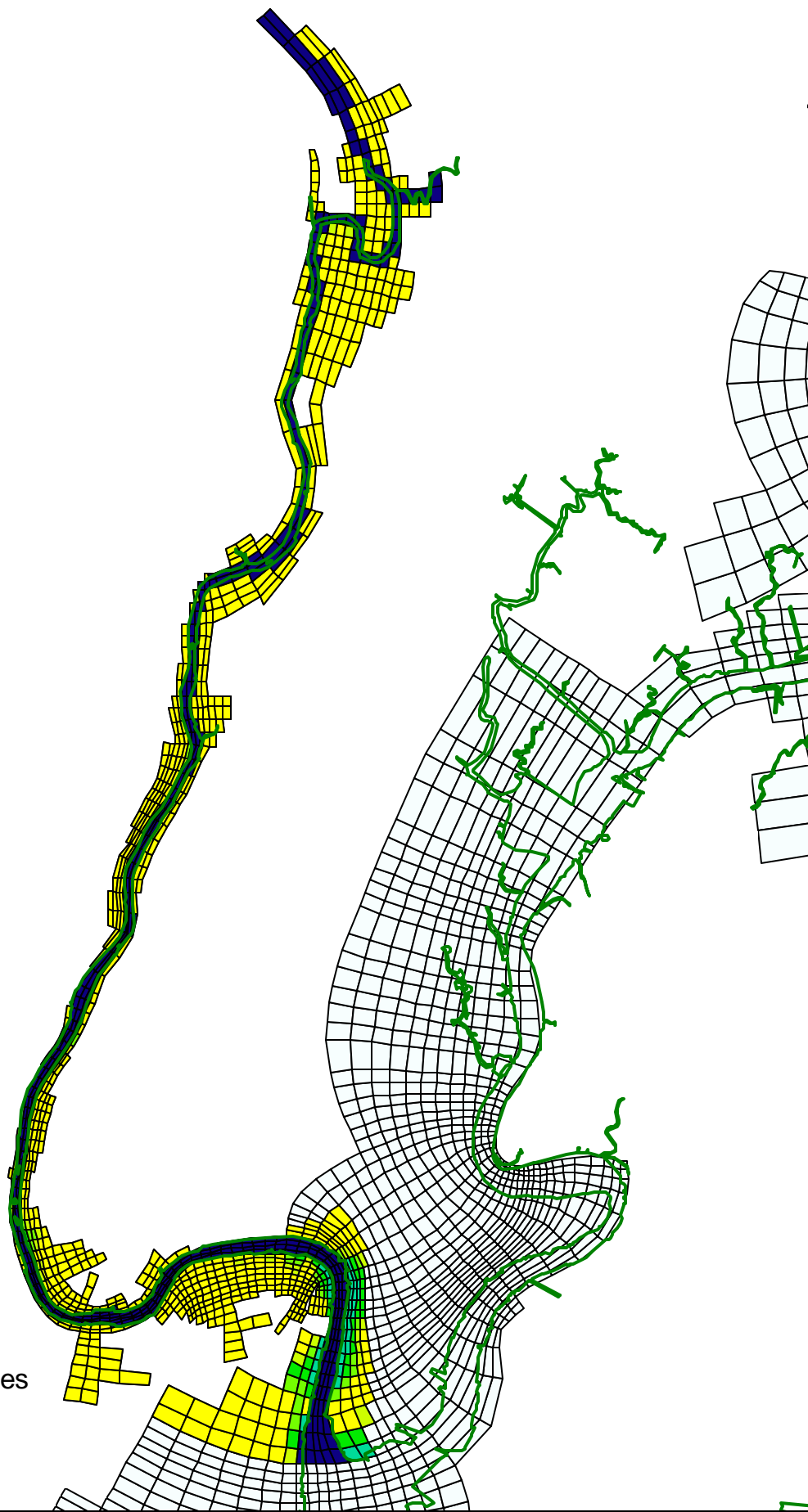
Program/Analysis	Laboratory	Archived in Freezer	Being Processed by Laboratory	Un-validated Data Partially Received	All Un-validated Data in PREMIS	Paper copy of Un-Validated Data	Paper copy of Validated Data	Validated Data Partially Received	All Validated Data Received in PREMIS	Notes
High Resolution Coring (select cores)										
Total Organic Carbon (TOC)	STL							XX		
Grain Size (laser method)	STL	X								
Radiological - Cs-137	Outreach							X		
Radiological - Pb-210	Outreach		X							Laboratory re-analyzing samples as Po-210
PCB	Axys	XX	X							30 samples shipped to laboratory 3/21/06
Dioxin	Axys	XX								30 samples shipped to laboratory 3/21/06
Pesticide	Axys	XX								30 samples shipped to laboratory 3/21/06
PAH	Axys				X					
Metals	CLP Sentinel						X			Missing Al, Ca, Mg, K, Na, and Fe
X-radiography	?	X								
Low Resolution Coring										
PCB Aroclor	CLP A4		X							
SVOC and PAH	CLP A4		X							
Metals (plus cyanide and mercury)	CLP Sentinel		X							
Herbicide	STL - VT		X							
Immunoassay - 20 samples for correlation	STL - TN		X							
Archived Immunoassay	STL - TN	X								
Radiological - Cs-137	Outreach					X				
Dioxin/Furan	Axys			X						
Pesticide	Axys			X						Laboratory unable to quantify all pesticides
PCB Congener	Axys			X						
TOC	STL - VT		X							
TPH	STL - VT		X							
Geotechnical - Moisture	STL - VT		X							
Geotechnical - Grain Size	STL - VT		X							Laboratory waiting for review of seive size
Geotechnical - Specific Gravity	STL - VT		X							
Geotechnical - pH	STL - VT		X							
VOC	CLP A4		X							
Water Column Small Volume ^(a)										
Mercury Total	Brooks Rand					X				
Mercury Filter	Brooks Rand					X				
Methylmercury Total	Brooks Rand					X				
Methylmercury Filter	Brooks Rand					X				
Particulate Organic Carbon (POC)	STL - VT					X				
Dissolved Organic Carbon (DOC)	STL - VT					X				
Metals Total	CLP Sentinel							X		Missing Al, Ca, Mg, K, Na, and Fe
Metals Filter	CLP Sentinel							X		Missing Al, Ca, Mg, K, Na, and Fe
Cyanide	CLP Sentinel							X		Missing Al, Ca, Mg, K, Na, and Fe
Total Suspended Solids (TSS)	STL - VT					X				
Biological Oxygen Demand (BOD)	STL - VT					X				
COD/TKN/Total P	STL - VT					X				
Chlorophyll A	Westfield					X				
Ammonia	STL - VT					X				
VOC	CLP A4		X							
SVOC	CLP A4		X							
Chlorinated Herbicides	STL - VT					X				
Ortho-Phosphate	STL - VT					X				
Water Column Large Volume ^(a,b)										
Pesticides	Axys					X				Filter size changed during sampling
PCB Congeners	Axys					X				
Dioxin/Furans	Axys					X				
Water Column High Flow Event										
Volatile Suspended Solids	DESA						X			
Total Suspended Solids (TSS)	DESA						X			
Total Organic Carbon (TOC)	DESA						X			
Dissolved Organic Carbon (DOC)	DESA						X			
SPMD - Deployment 1										
Dioxin/Furan	Axys				X					
PCB Congener	Axys				X					
Pesticides	Axys				X					
PAH	Axys			X						Laboratory low surrogate recoveries
SPMD - Deployment 2										
Dioxin/Furan	Axys		X							
PCB Congener	Axys		X							
Pesticides	Axys		X							
PAH	Axys		X							
Moorings										
Hydrodynamics Data									X	

(a) PREMIS sample ID issues on small volume and large volume
(b) Data not logged in PREMIS

Model Bathymetry



1 0 1 Miles



BUDGET STATUS AND FORECAST
TASK ORDER 0011
LOWER PASSAIC RIVER RESTORATION PROJECT
Reporting Period 02/11/2006 through 03/17/2006

Task Description	Negotiated Budget	Authorized Budget (as of WYN 11 dated 02/10/2006)		Costs from 03/12/05 through 04/15/06	Costs from 04/16/06 through 05/12/06	Costs from 05/14/06 through 06/17/06	Costs from 06/18/06 through 07/15/06	Costs from 07/16/06 through 08/12/06	Costs from 08/13/06 through 09/16/06	Costs from 09/17/06 through 10/14/06	Costs from 10/15/06 through 11/11/06	Costs from 11/12/06 through 12/15/06	Costs from 12/16/06 through 01/15/07	Costs from 01/16/07 through 02/10/07	Costs from 02/11/07 through 03/10/07	Sub Costs that have been Invoiced	JTD Costs through 03/10/07	JTD Percent of Authorized Budget Spent	JTD Estimated Task Percent Complete	Estimate to Complete ²	Estimated Cost at Completion	3-Month Forecast					Percent of Authorized Budget Forecast to be Spent by mid-June, 2006	4 - 6 Month Forecast (mid-June, 2006 to mid-Sept. 2006)	Authorized Funding Low Forecast Amount at mid-June, 2006	Additional Funding Required by mid-June, 2006	7 - 9 Month Forecast (mid-Sept. to mid-Dec. 2006)	Additional Funding Required by mid-Sept. 2006	Comments
		Percent	Dollars																			mid-March, 2006 to mid-April, 2006	mid-April, 2006 to mid-May, 2006	mid-May, 2006 to mid-June, 2006	Total Estimated Cost from mid-March, thru mid-June, 2006	Total Estimated + Total Spent							
WAD 3 - Remedial Investigation/Feasibility Study Services																																	
WO 01 - Project Administration/Reporting																																	
WO 01 - Project Administration/Reporting Subtotal	\$46,042	100%	\$46,042	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$10,181	\$46,042	100%	100%	\$0	\$46,042	\$0	\$0	\$0	\$0	\$46,042	100%	\$0	\$0	\$0	\$0	\$0	
WO 02 - Meetings																																	
WO 02 - Meetings Subtotal	\$9,106	100%	\$9,106	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$9,106	\$9,106	100%	100%	\$0	\$9,106	\$0	\$0	\$0	\$0	\$9,106	100%	\$0	\$0	\$0	\$0	\$0	
WO 03 - Pre-Expansion Activity Plan and Schedule																																	
WO 03 - Pre-Expansion Activity Plan and Schedule Subtotal	\$12,920	100%	\$12,920	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$12,920	\$12,920	100%	100%	\$0	\$12,920	\$0	\$0	\$0	\$0	\$12,920	100%	\$0	\$0	\$0	\$0	\$0	
WO 04 - Populate and QC Database																																	
WO 04 - Populate and QC Database Subtotal	\$63,530	100%	\$63,530	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,910	\$0	\$0	\$0	\$0	\$47,972	\$62,991	99%	99%	\$0	\$62,991	\$0	\$0	\$0	\$0	\$62,991	99%	\$0	\$559	\$0	\$0	\$0	
WO 05 - Web Site and GIS System																																	
WO 05 - Web Site and GIS System Subtotal	\$115,732	100%	\$115,732	\$6,586	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$34,031	\$115,730	100%	100%	\$0	\$115,731	\$0	\$0	\$0	\$0	\$115,730	100%	\$0	\$2	\$0	\$0	\$0	
WO 06 - Establish Technical Expert Team																																	
WO 06 - Establish Technical Expert Team Subtotal	\$25,409	100%	\$25,409	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$25,409	\$25,409	100%	100%	\$0	\$25,409	\$0	\$0	\$0	\$0	\$25,409	100%	\$0	\$0	\$0	\$0	\$0	
WAD 3 - Remedial Investigation/Feasibility Study Services Total																																	
\$272,739 100% \$272,739 \$6,586 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$4,910 \$0 \$0 \$0 \$0 \$36,490 \$272,198 100% 100% \$0 \$272,199 \$0 \$0 \$0 \$0 \$272,198 100% \$0 \$541 \$0 \$0 \$0 \$0																																	
WAD 4 - Project Management and Community Relations																																	
WO 01 - Project Management and Administration																																	
1.1a Project Management																																	
1.1a Project Management (2005-06)	\$223,525	123%	\$274,839	\$19,720	\$20,740	\$28,769	\$17,150	\$29,894	\$25,671	\$26,924	\$20,077	\$18,114	\$8,922	\$15,420	\$16,690	\$29,114	101%	95%	\$17,680	\$294,173	\$17,680	\$0	\$0	\$17,680	\$294,173	107%	\$0	\$-19,334	\$19,334	\$0	\$0	\$0	
1.2a Project Support Documentation and Administration	\$79,111	100%	\$79,111	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$79,111	100%	100%	\$0	\$79,111	\$0	\$0	\$0	\$0	\$79,111	100%	\$0	\$0	\$0	\$0	\$0		
1.2a Project Support Documentation and Administration (2005-06)	\$120,841	100%	\$120,841	\$12,887	\$10,644	\$9,383	\$6,772	\$7,424	\$9,948	\$8,863	\$16,594	\$8,834	\$5,024	\$9,333	\$5,011	\$20,941	102%	96%	\$5,200	\$135,524	\$5,200	\$0	\$0	\$5,200	\$135,524	100%	\$0	\$-17,483	\$17,483	\$0	\$0	\$0	
1.3a Subcontract Administration Laboratories	\$61,213	124%	\$75,632	\$10,918	\$11,115	\$1,442	\$0	\$11,068	\$3,375	\$75,632	100%	100%	\$0	\$0	\$0	\$18,984	\$88,030	100%	100%	\$0	\$88,048	\$0	\$0	\$0	\$0	\$88,030	100%	\$0	\$18	\$0	\$0	\$0	
1.3b Subcontract Administration Field Sampling Support	\$41,359	211%	\$88,048	\$4,016	\$4,935	\$8,711	\$7,211	\$9,605	\$12,941	\$19,619	\$7,794	\$9,638	\$1,610	\$0	\$18	\$88,030	100%	100%	\$18	\$88,048	\$0	\$0	\$0	\$0	\$88,030	100%	\$0	\$18	\$0	\$0	\$0		
1.3c Professional Subcontractors	\$101,453	131%	\$132,662	\$3,994	\$4,497	\$5,204	\$8,841	\$3,793	\$15,462	\$9,532	\$8,892	\$11,339	\$4,306	\$2,150	\$132,657	100%	98%	\$3,250	\$135,907	\$3,250	\$0	\$0	\$3,250	\$135,907	102%	\$0	\$-33,245	\$33,245	\$0	\$0	\$0		
1.3d Radiomide and POC Laboratories	\$5,639	100%	\$5,639	\$0	\$0	\$5,620	\$0	\$0	\$5,620	100%	100%	\$0	\$0	\$0	\$5,620	100%	100%	\$0	\$5,620	\$0	\$0	\$0	\$0	\$5,620	100%	\$0	\$19	\$0	\$0	\$0	\$0		
1.3e Field Sampling Support - Summer/Fall 2004	\$4,806	100%	\$4,806	\$0	\$0	\$4,741	\$0	\$0	\$4,741	99%	100%	\$0	\$0	\$0	\$4,741	99%	100%	\$0	\$4,741	\$0	\$0	\$0	\$0	\$4,741	99%	\$0	\$65	\$0	\$0	\$0	\$0		
1.4a Project Communications	\$441,285	112%	\$541,285	\$36,614	\$31,502	\$22,980	\$27,617	\$23,266	\$39,066	\$35,476	\$88,309	\$39,618	\$18,614	\$13,295	\$1,454	\$146,517	100%	96%	\$23,400	\$566,419	\$23,400	\$0	\$0	\$23,400	\$566,419	104%	\$0	\$-25,134	\$25,134	\$0	\$0	\$0	
WO 01 - Project Management and Administration Subtotal																																	
\$1,205,680 118% \$1,419,177 \$88,149 \$83,454 \$68,850 \$67,591 \$85,051 \$106,463 \$100,414 \$141,666 \$87,542 \$38,476 \$40,198 \$23,156 \$194,029 \$1,424,541 100% 97% \$49,748 \$1,474,290 \$49,730 \$0 \$0 \$49,730 \$1,474,271 104% \$0 \$-55,094 \$55,197 \$0 \$0 \$0																																	
2.1a Public Meeting Support (graphics/attendees)																																	
2.1a Public Meeting Support (graphics/attendees)	\$24,341	36%	\$8,679	\$0	\$0	\$0	\$0	\$6,702	\$2,477	\$11	\$0	\$0	\$0	\$0	\$8,669	100%	100%	\$0	\$8,669	\$0	\$0	\$0	\$0	\$8,669	100%	\$0	\$-111	\$11	\$0	\$0	\$0		
2.2c RTC-Final CIP	\$8,628	100%	\$8,628	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$143	\$143	\$0	\$143	2%	2%	\$8,486	\$8,628	\$4,000	\$4,470	\$0	\$8,470	\$8,613	100%	\$0	\$16	\$0	\$0	\$0	\$0		
WO 02 - Community Relations Subtotal																																	
\$167,941 69% \$100,392 \$7,882 \$11,167 \$14,002 \$10,154 \$9,289 \$10,152 \$7,060 \$1,031 \$3,197 \$0 \$91,918 92% 92% \$8,485 \$100,403 \$4,000 \$4,470 \$0 \$8,470 \$100,388 100% \$0 \$4 \$11 \$0 \$0 \$0																																	
3.1a MPT Technical Support																																	
3.1a MPT Technical Support	\$43,096	81%	\$35,082	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35,082	100%	100%	\$0	\$35,082	\$0	\$0	\$0	\$0	\$35,082	100%	\$0	\$0	\$0	\$0	\$0		
3.1a Technical Support (2005)																																	
3.1a Technical Support (2005)	\$123,457	49%	\$60,652	\$0	\$0	\$0	\$8,547	\$10,717	\$932	\$0	\$8,536	\$4,787	\$10,142	\$0	\$53,483	88%	88%	\$7,169	\$60,652	\$1,700	\$0	\$0	\$1,700	\$55,183	91%	\$0	\$5,469	\$0	\$0	\$0	\$0		
3.2a Subcontractor Technical Support																																	
3.2a Subcontractor Technical Support	\$22,500	100%	\$22,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$22,500	100%	100%	\$0	\$22,500	\$0	\$0	\$0	\$0	\$22,500	100%	\$0	\$0	\$0	\$0	\$0	\$0		
WO 03 - Technical Support Subtotal																																	
\$189,953 63% \$118,234 \$0 \$0 \$0 \$8,547 \$10,717 \$932 \$0 \$8,536 \$4,787 \$10,142 \$0 \$8,369 \$110,076 85% 85% \$17,158 \$118,234 \$11,600 \$0 \$0 \$11,600 \$112,766 95% \$0 \$5,608 \$1 \$1 \$0 \$0																																	
WAD 4 - Project Administration Total																																	
\$1,562,674 105% \$1,678,303 \$96,631 \$90,601 \$109,852 \$86,291 \$106,057 \$117,546 \$107,474 \$151,233 \$90,740 \$43,264 \$52,245 \$23,156 \$1,617,535 99% 96% \$75,992 \$1,692,927 \$53,730 \$4,470 \$0 \$69,890 \$1,687,425 103% \$0 \$-49,622 \$55,209 \$0 \$0 \$0																																	
WAD 5 - Technical Studies & Investigations																																	
WO 01 - RIFS Work Plan Preparation																																	
1.4b Draft Field Modeling Plan																																	
1.4b Draft Field Modeling Plan	\$48,923	100%	\$48,923	\$11,857	\$995	\$2,160	\$4,974	\$0	\$0	\$622	\$0	\$0	\$0	\$43,450	\$41,287	84%	84%	\$7,636	\$48,923	\$7,636	\$0	\$0	\$7,636	\$48,923	100%	\$0	\$0	\$0	\$0	\$0	\$0		
1.4c RTC/Final Modeling Plan																																	
1.4c RTC/Final Modeling Plan	\$31,461	100%	\$31,461	\$0	\$658	\$785	\$3,316	\$304	\$0	\$587	\$0	\$0	\$0	\$7,560	\$13,322	42%	42%	\$18,139	\$31,461	\$18,139	\$0	\$0	\$18,139	\$31,461	100%	\$0	\$0	\$0	\$0	\$0	\$0		
1.5a FSP Volume 2 (Bios): Pre-Draft (2005)																																	
1.5a FSP Volume 2 (Bios): Pre-Draft (2005)	\$22,958	44%	\$21,458	\$0	\$0	\$0	\$0	\$0	\$3,750	\$19,199	98%	100%	\$0	\$509	\$23,458	\$0	\$0	\$0	\$23,458	\$0	\$0	\$0	\$0	\$23,458	98%	\$0	\$509	\$0	\$0	\$0	\$0		
1.5b FSP Volume 2 (Bios): Draft (2005)																																	
1.5b FSP Volume 2 (Bios): Draft (2005)	\$79,998	100%	\$79,998	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$6,993	\$6,993	8%	8%	\$79,998	\$15,000	\$23,000	\$33,905	\$73,905	\$79,998	100%	\$0	\$0	\$0	\$0	\$0	\$0			
1.5c FSP Volume 2 (Bios): Final (2006)																																	
1.5c FSP Volume 2 (Bios): Final (2006)	\$27,079	0%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0%	0%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0%	\$0	\$0	\$0	\$0	\$0	\$0		
1.5g Revisions to FSP 3 Geophysical Program (2005)																																	
1.5g Revisions to FSP 3 Geophysical Program (2005)	\$3,489	100%	\$3,489	\$0	\$0	\$0	\$0	\$0	\$0	\$1,440	\$0	\$0	\$0	\$0	\$939	\$3,489	99%	100%	\$49	\$3,489	\$0	\$0	\$0	\$0	\$3,440	99%	\$0	\$49	\$0	\$0	\$0	\$0	
WO 02 - Preliminary Risk Assessment																																	
WO 02 - Preliminary Risk Assessment Subtotal	\$1,100,729	92%	\$1,012,189	\$14,191	\$24,176	\$41,048	\$68,560	\$77,234	\$31,122	\$3,680	\$834	\$21,999	\$0	\$939	\$8,127	\$358,778	99%	96%	\$100,238	\$1,012,189	\$40,77												